

WHAT IS CLAIMED IS:

1. A process for producing a multi-layer film, especially for food packaging, with at least one of the films being a plastic film and the laminating agent being chemically and physically derived from the plastic of that film, wherein a solution or dispersion of the plastic is applied as a laminating agent onto the first film, particularly an aluminum foil, wherein the liquid of the solution or dispersion is completely vaporized, and wherein the first film is then joined in a laminating station to the second film at an increased temperature and under applied pressure.
2. A process according to claim 1, wherein the laminating agent comprises non-migrating trigger chemicals.
3. A process according to claim 1, wherein a further, especially duroplastic, layer is laminated onto the other side of the carrier film.
4. A process according to claim 3, wherein the further, thermoplastic layer is composed of polyamide or polyester.
5. A process according to claim 1, wherein the laminating temperature is between 100°C and 210°C.
6. A process according to claim 1, wherein the laminating pressure is 25 N/cm to 40 N/cm.
7. A multi-layer film produced according to a process of claim 1.

8. A multi-layer film according to claim 7, wherein it comprises a polyamide film, an aluminum foil and a polypropylene film with a polypropylene dispersion as the laminating agent.

5 9. A container produced from a multi-layer film according to claim 7.

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